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APR 17 2001

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/465,276

DATE: 04/10/2001

TIME: 18:35:59

Input Set : A:\Pto.amc

Output Set: N:\CRF3\04102001\I465276.raw

5 <110> APPLICANT: United States Army Medical Research Institute of
 6 Infectious Diseases
 7 Bavari, Sina
 8 Torres Melendez, Edna R.
 9 Lebeda, Frank J.
 11 <120> TITLE OF INVENTION: Antibodies Against Type A Botulinum Neurotoxin
 13 <130> FILE REFERENCE: 003/175/SAP
 15 <140> CURRENT APPLICATION NUMBER: US 09/465,276
 17 <141> CURRENT FILING DATE: 1999-12-16
 19 <150> PRIOR APPLICATION NUMBER: US 60/112,632
 21 <151> PRIOR FILING DATE: 1998-12-17
 23 <160> NUMBER OF SEQ ID NOS: 4
 25 <170> SOFTWARE: Apple Macintosh Microsoft Word 6.0
 27 <210> SEQ ID NO: 1
 29 <211> LENGTH: 141
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Botulinum neurotoxin type A
 33 <400> SEQUENCE: 1
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 35 5 10
 37 Phe Ile Ile Lys Lys Tyr Ala Ser Gly Asn
 38 15 20
 40 Lys Asp Asn Ile Val Arg Asn Asn Asp Arg
 41 25 30
 43 Val Tyr Ile Asn Val Val Val Lys Asn Lys
 44 35 40
 46 Glu Tyr Arg Leu Ala Thr Asn Ala Ser Gln
 47 45 50
 49 Ala Gly Val Glu Lys Ile Leu Ser Ala Leu
 50 55 60
 52 Glu Ile Pro Asp Val Gly Asn Leu Ser Gln
 53 65 70
 55 Val Val Val Met Lys Ser Lys Asn Asp Gln
 56 75 80
 58 Gly Ile Thr Asn Lys Cys Lys Met Asn Leu
 59 85 90
 61 Gln Asp Asn Asn Gly Asn Asp Ile Gly Phe
 62 95 100
 64 Ile Gly Phe His Gln Phe Asn Asn Ile Ala
 65 105 110
 67 Lys Leu Val Ala Ser Asn Trp Tyr Asn Arg
 68 115 120
 70 Gln Ile Glu Arg Ser Ser Arg Thr Leu Gly
 71 125 130
 73 Cys Ser Trp Glu Phe Ile Pro Val Asp Asp
 74 135 140
 76 Gly

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89 Ser Gly Asn Lys Asp Asn Ile Val Arg Asn
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97 <211> LENGTH: 25
99 <212> TYPE: PRT
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102 <400> SEQUENCE: 3
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109 Ile Gly Phe His Gln
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113 <211> LENGTH: 25
115 <212> TYPE: PRT
116 <213> ORGANISM: Botulinum neurotoxin type A
118 <400> SEQUENCE: 4
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122 Asn Trp Asp Leu Phe Phe Ser Pro Ser Glu
123             15             20
125 Asp Asn Phe Thr Asn
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VERIFICATION SUMMARY

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